2nd & Final

Orginal/Duplicate/Triplicate AEE/T.DSD/SBR/A7/16-17
24.06.2016

CONTRACT CERTIFICATE

(For other works)

No…… Date:……

Division *Dasarahalli Division* Sub-Division:

Bill Received No……Dated……Cash Book Vocher No……Dated……

Scheduled Docket No…… Head of Account……

Name of work (as Per Sanctioned Estimate.)::*Providing Connecting Road to Navy Layout in Ward No. 14 T. Dasarhalli Sub-Division*

Name of Contractor and Full Address: : -*KRIDL*

Reference to Agreement No: *EE/DD/WO/ 07/12-13*

Certified that the measurements were taken by me on ……30/5/2016……and recorded in pages..341232/1 to 341234/1

Measurements Book No……3413…… and that the work is satisfaction executed

Officer-in-charge of work.

Contractor Signature.

Certified that the measurements were taken by me on ……30/5/16…… and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಕಿರಿಯ ಅಭಿಯಂತರರು
ಉಪವಿಭಾಗ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

If Memorandum of Payment **Work Code No. 014-12-000073** Sub – Division Officer

		Amount	
1	Total Value of work done or supplies made as per account.		
2	Deduct amount to be held in reserve being …… Percent Rs. ……		
3	Deduct amount to be held in reserve being balance		
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No…… Dated…… S.D. No…… Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied.		
5	Balance being unpaid value of work done held in reserve Total……		
6	Deduct cash advance made on the office cash book vehicle No…… Dated…… Less adjustments		
7	Net amount due to or from contractor		
8	Unadjusted items Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.		

Contractor Signature.

Received Rs……(in wards)……

……

By cash and by adjustment of payment as per memorandam.

(for use in the office)

Witnesses:
1
2

Date:……

Paid by me by cheque…… Dated……

Signature of Contractor.

Cash Rs…… Dated……

Initials of Officer making payment dated……

Executive Engineer.

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Earthwork excavation and forming in embankment by manual means in hard soil (when earth is taken from bank cutting or from horrow pits) including breaking of cods,spreading to required line and level forming and cost of all labour complete as per specfiication	Cum.	324-80	120-96	40499/-	—	120-96	—	324-80	40499/-
2	Providing laying, spreading and compacting graded stone aggregate to we mix macadam specification including premixing the material with water at OMC in machanical mix plant carriage of mixed method of tipper to site laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification	Cum.	—	—	—	558-00	1060-56	591792/-	558-00	591792/-
3	Providing and applying primer coat form 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut back MC-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler filled with spray set (excluding cleaning of road surface) including cost of all materials, labour HOM of machineries complete as epr specfiication	Sqm	—	—	—	2232/-	74-42	166217/-	2232/-	166217/-
4	Providing and laying bituminous macadam on prepared surface with crushed coarse aggreagates as per design mix formual for base/binding course including loading of aggreagates with F. E loader hot mixing of stone aggreages with F. E loader hot mixing of stone aggreagates and bitumen in hot mix plant 40 tonne capacity , trasnporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade rolling by power roller to achieve the desired density 50/75 mm compacted thickness with 80/100 grade bitumen but excluding cost of primer/tack coat with lead upto 1 km including cost of all materials, labour HOM of machineries complete as per specification	Sqm	—	—	—	131-68	5575-56	615536/-	131-68	615536/-
5	Providing and applying tack cost on Granular base such as WBM WMM surfaces hot bitumen primed at 10 kg per 10 Sqm, heating bitumen in boiler fitter with spray set (excluding cleaning of road surface) including cost of all materials labour HOM of machineires complete as per specifications	Sqm	—	—	—	2232/-	23-08	51515/-	2232/-	51515/-
6	Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 4.5 to 5% of mix and filler transportating the hot mix to work site laying with a hdrostatic paver finisher with sensor control to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to acheive the dsired compaction as per MORTH specfiication clause No. 50.0.8 complete in all respects as per specifications 25-30mm Compacted thickness with 5% bitumen with 80/100 grade bitumen using 40-60 HMP using mechanical paver	Cum.	—	—	—	55-80	80 2980	448063/-	5580	448063/-
7	Carriage of mixed materials 10 kms	Sqm				7254-0	58-32	423052/-	7254-0	423052/-
8	Earthwork excavation y manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m excavated surface leveled and sides neatly dressed the dipsosed earth to be leveled neatly after breaking of clods complete as per specification	Cum.	2025-0	87-05	176277/-	185-59	87-05	16155/-	3880-5	337822/-
9	Providing Ganite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,	Cum.	783/-	324-18	254483/-	466/-	324-18	149669/-	1248/-	401152/-
10	Earthwork excavation for foundation of buildings water supply sanitary lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5 m and above in width, in hard soil not exceeding 1.5 in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking of cles complete as per specifications	Cum.	91-00	213/-	19388/-	83-50	213-00	17790/-	1374-50	370988/-

11	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggreages @ 0.57cum machine mixed concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, including cost of all materials labour HOM of machinery curing complete as epr specification	Cum.	13-62	384356	52349₹	10-33	384356	39703₹	22-95 10-33	92052₹ 39703₹
12	Providing and cosntructing granite/trap/basalt rubble stone masonry in superstructure with cement mortar 1.8 edges of stones chistle dressed in courses not less than 15 cms high bond stones at two m apart in each course including cost of materials labour curing complete as per specifications	Cum.	42₹	3271-68	137410₹	—	3271-68			
13	Providing and laying in position plain cement concrete of mix M 15 with OPC cement @ 240 kgs with 20mm and down size graded granite metal coarse aggreagates @ 0.878 cum and and fine aggreages @ 0.459 cummachine mixed concrete laid in layers not exceeding 15cms thick, well compacted infoundation and plinth, including cost of all material labour HOM of machinery curing complete as per specificatin		3-12	4349-18	135697₹	—	424818	—	3.12	135697₹
14	Providing and laying inposition reinforced cement concrete of mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggreagates @ 0.46 cum super plastisiser @ 3ltrs confirming to IS9103 -1999 reaffirmed - 2008 machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for R. C. C beams columns of all sizes in foundation plinth and superstructure ground floor level for colum including cost of all materials labour HOM of machinery curing complete as per specification	Cum.	1286	5157-96	92124₹	41-62	5157-96	214624₹	59-48 41-62	306795₹ 246774₹
15	Providing T. M. T steel reinforcement for R. C. C work including straightening cutting, bending hooking placing in posiition lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials labour HOM of machinery complete as per specifications	Qtl	3181	73478₹	160255₹	17-44	73478₹	3025452₹	39-25	462880₹
16	Providing and removing centering, shuttering propping etc and removal of form work fo flat surface such as walls at any thickness including attached pilasters buttresses plinth and string courses cost of all materials labour complete as per specification	Sqm	5250	21730	114082₹	200₹	21750	434600₹	25250	54868₹
17	Providing raised and cut pointing to courses stone masonry with cement mortar 1:4 20mm deep after raking joints to depth of 20mm nicely lining including cost of materials, labour curing complete as per specification	Cum.	560₹	106-38	59570₹	269-09	106.38	—	560₹	59570₹
18	arrows etc, on roads in to coats on new work with ready mixed road marking paint conforming to IS 164 on bituminours surface including cleaning the surface of all dirt dust and other foreign matter demarcation at site and traffic control complete as per specification i) Over 10 cm in	Sqm	—	—	—	—	—	—	—	—
19	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work lead 15 Km a) Basic rate for haulate of mateials as per item No. 17.4/KSRRB M 100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum.	628-30	78-24	49158₹	269-09	78.24	21053₹	897-39	70241₹
			704		851142₹	Add 10% Hamali		27 20477₹ 27204₹		

29925247₹

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ನೈಸರ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಪಾಲಿಗಾರಹಂಡೆ. ಬೆಂಗಳೂರು - 560 073